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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,002	10/12/2000	JOHN WAGNER	102689-60	1367
21125	.7590	04/21/2004	EXAMINER	
NUTTER MCCLENNEN & FISH LLP WORLD TRADE CENTER WEST 155 SEAPORT BOULEVARD BOSTON, MA 02210-2604			DALEN COURT, YVES	
		ART UNIT	PAPER NUMBER	
		2157	6	
DATE MAILED: 04/21/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

APL

Office Action Summary	Application No.	Applicant(s)
	09/687,002	WAGNER ET AL.
	Examiner	Art Unit
	Uttam Kumar	2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on ____.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) ____ is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
 5) Claim(s) ____ is/are allowed.
 6) Claim(s) 1-39 is/are rejected.
 7) Claim(s) ____ is/are objected to.
 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on ____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. ____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 3/1-26-01.
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. ____ .
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: ____ .

DETAILED ACTION

This action is in response to U.S. patent application number 09/687,002.

Examiner has reviewed all the claims and the specification. Claims 1-39 have been rejected. This action is non-final.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1,2, 7-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Fletcher et al. (U.S. H1, 837), hereinafter referred to as Fletcher.
3. As to claim 1, Fletcher discloses a generic telecommunications system and associated call processing architecture that teach:

- Storing an identifier corresponding to a network device managed object in a first memory, wherein the first memory is local to the NMS client (column 19, lines 55-62). The set of elements on the client are identifiers that correspond to a network device managed object.
- Sending a data request associated with the managed object and including the identifier from the NMS client to the NMS server (column 19, lines 58-60).

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- Gathering data in response to the data request through the NMS server using the identifier (column 21, lines 15-22).
- Sending the gathered data from the NMS server to the NMS client (column 19, lines 58-60).

As to claim **2**, Fletcher teaches searching a second memory for the identifier, wherein the second memory is local to the NMS server (column 21, lines 15-22).

As to claim **7**, Fletcher teaches the managed object corresponds to a physical component in the network device (column 19, lines 48-52).

As to claim **8**, Fletcher teaches the managed object corresponds to a logical component in the network device (column 19, lines 48-52).

As to claim **9**, Fletcher teaches using the gathered data to update a graphical user interface or GUI (column 20, lines 7-11).

As to claims **10, 16 and 36**, Fletcher teaches:

- Retrieving data for a plurality of managed objects from a network device through a network management system (NMS) server, wherein the data includes identifiers corresponding to each managed object (column 19, lines 58-60).
- Creating a plurality of managed objects using the retrieved data wherein each managed object includes one of the corresponding identifiers (column 19, lines 43-51).
- Creating a proxy for each managed object using a get proxy function call to each managed object, wherein each proxy includes the identifier from the managed

object and storing the proxies in memory, wherein the memory is local to a NMS client (column 19, lines 55-57).

As to claim **11**, Fletcher teaches using the data within the proxy to update a graphical user interface or GUI (column 20, lines 7-11).

As to claim **12**, Fletcher teaches the managed objects are physical managed objects (column 19, lines 48-52).

As to claim **13**, Fletcher teaches the managed objects are logical managed objects (column 19, lines 48-52).

As to claim **14**, Fletcher teaches prior to retrieving data from a network device, detecting a user selection of the network device through the NMS client (column 20, lines 7-25).

As to claims **15 and 33-34**, Fletcher teaches storing the managed objects in a second memory local to the NMS server (column 19, lines 55-57). Fletcher rejects the limitations that claims 33 and 34 have in common with claim 10 above.

As to claim **17**, Fletcher teaches updating the GUI in accordance with user request (column 20, 7-25).

As to claims **18 and 21**, Fletcher teaches retrieving logical data from an NMS server to an NMS client through one of the proxies (column 19, lines 58-60).

As to claim **19**, Fletcher teaches searching a second memory for a managed object including the identifier from the proxy wherein the second memory is located on the NMS server (column 21, lines 15-22).

As to claims **20**, Fletcher teaches issuing a function call to a port proxy (column 22, line 54- column 23, line 3; column 19, lines 55-57).

As to claims **22-25**, Fletcher teaches using the data from the proxy to update a graphical user interface or GUI (column 20, lines 7-48).

As to claim **26**, Fletcher teaches updating the GUI when there is a user change (column 20, lines 15-25; lines 43-48).

As to claim **27**, Fletcher teaches using the data from the proxy to update a graphical user interface or GUI (column 20, lines 7-48).

As to claim **28**, Fletcher teaches sending JAVA messages (column 7, line 44- column 8, line 15).

As to claims **29-32**, Fletcher teaches configuring, deleting, viewing, and modifying configured logical components (column 20, lines 15-20).

As to claim **35**, Fletcher teaches updating the system when a network device has been changed (column 20, lines 20-25).

As to claim **37**, Fletcher teaches a user request implemented through a GUI (column 20, lines 7-25).

As to claims **38-39**, Fletcher teaches the network protocol service comprises an upper layer network protocol service or a physical layer network protocol service (column 21, lines 28-51).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims **3-6** are rejected under 35 U.S.C. 103(a) as being unpatentable over Fletcher in view of Porter (U.S. 6,580,791), hereinafter referred to as Porter.

As to claims **3 and 5**, Fletcher teaches all the limitations of claim 2 and 1 as described above. Fletcher does not teach locating data corresponding to the identifier within the network device.

Porter discloses an apparatus for providing data to switching elements in a communications system that teaches locating data corresponding to the identifier within the network device (column 8, lines 44-46).

It would have been obvious to query the network device for the data as done taught by Porter if the information is not found using means described by Fletcher because the network device will almost always have information about itself which can be disclosed to a querying device or application.

As to claim **4 and 6**, Fletcher further teaches the data is maintained in a relational database and wherein the identifier is used as a primary key (column 7, lines 5-8; column 20, lines 20-24).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uttam Kumar whose telephone number is 703-305-

0719. The examiner can normally be reached on M-Th 7:30-5; Every other Friday 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 703-308-7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Uttam Kumar
Art Unit 2157
February 20, 2004



ARIO ETIENNE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100